

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012925\
 Data File : FE052161.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jan 2025 15:37
 Operator : YP\AJ
 Sample : PB166364BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166364BSD

Integration File: autoint1.e
 Quant Time: Jan 31 02:04:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.268	1557185	15.635 ug/ml
Target Compounds			
1) N-OCTANE	2.440	1095106	12.841 ug/ml
2) N-DECANE	4.932	1456693	15.919 ug/ml
3) N-DODECANE	7.058	1594552	15.959 ug/ml
4) N-TETRADECANE	8.862	1684615	16.557 ug/ml
5) N-HEXADECANE	10.453	1749559	16.419 ug/ml
6) N-OCTADECANE	11.884	1814781	16.186 ug/ml
7) N-EICOSANE	13.185	1847472	16.587 ug/ml
8) N-DOCOSANE	14.375	1785058	16.077 ug/ml
10) N-TETRACOSANE	15.471	1777753	16.072 ug/ml
11) N-HEXACOSANE	16.487	1756304	16.111 ug/ml
12) N-OCTACOSANE	17.433	1732290	16.049 ug/ml
13) N-TRIACONTANE	18.317	1747657	16.288 ug/ml
14) N-DOTRIACONTANE	19.146	1703677	16.316 ug/ml
15) N-TETRATRIACONTANE	19.926	1707737	18.186 ug/ml
16) N-HEXATRIACONTANE	20.665	1712733	21.210 ug/ml
17) N-OCTATRIACONTANE	21.452	1754858	23.520 ug/ml
18) N-TETRACONTANE	22.458	1891365	25.682 ug/ml

(f)=RT Delta > 1/2 Window

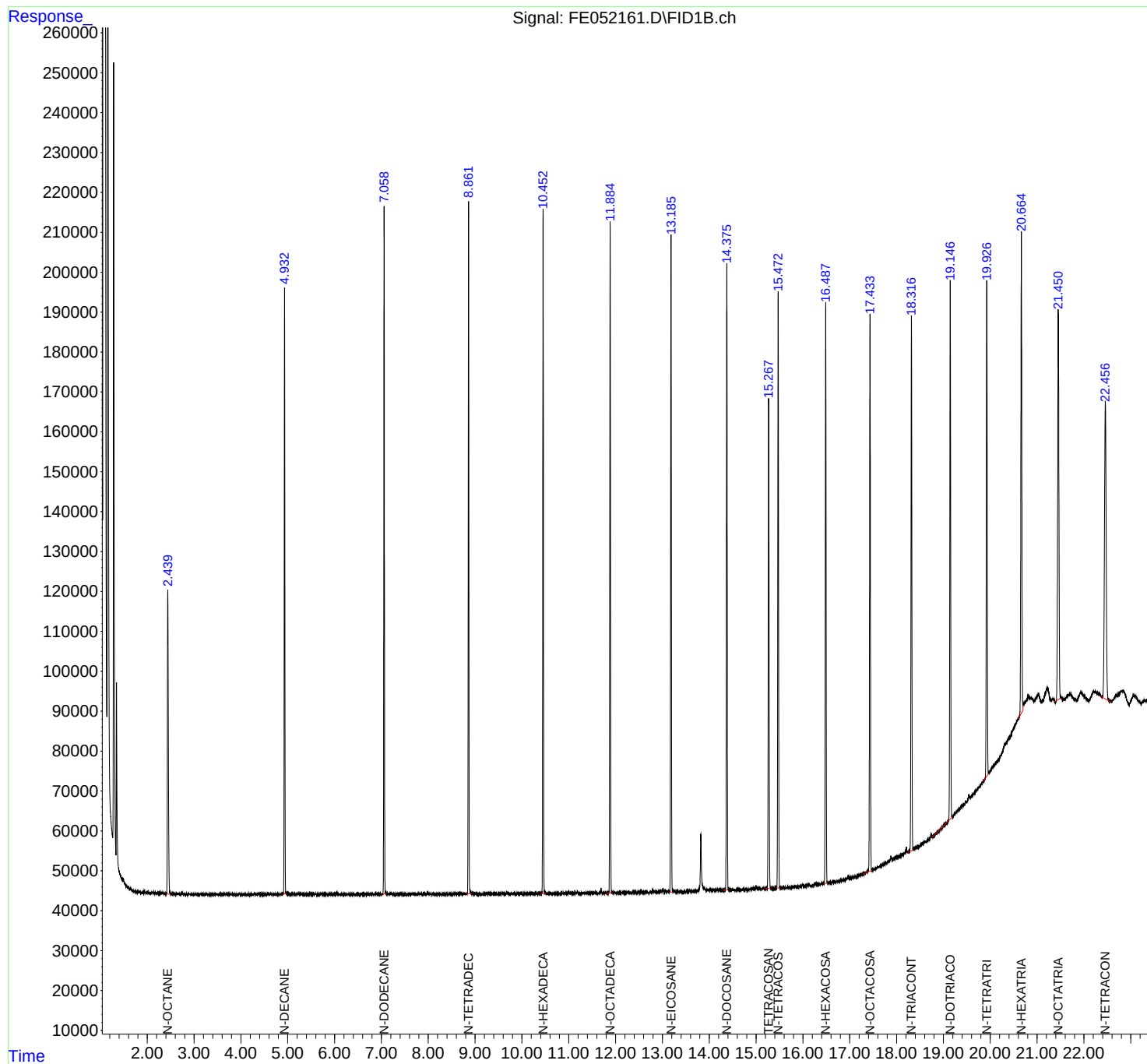
(m)=manual int.

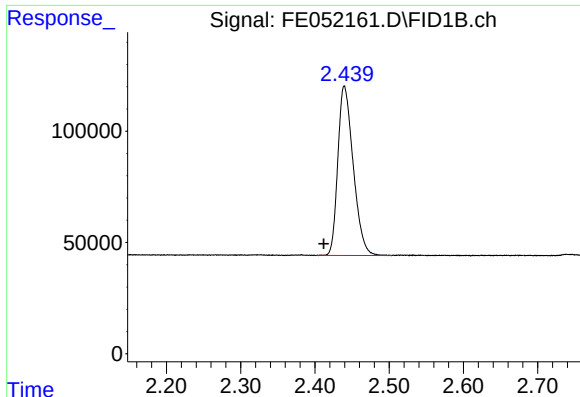
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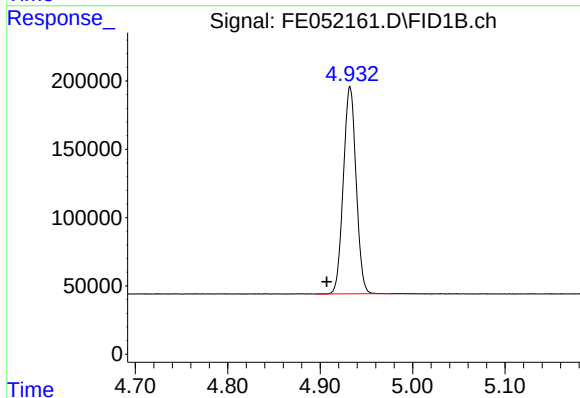




#1 N-OCTANE

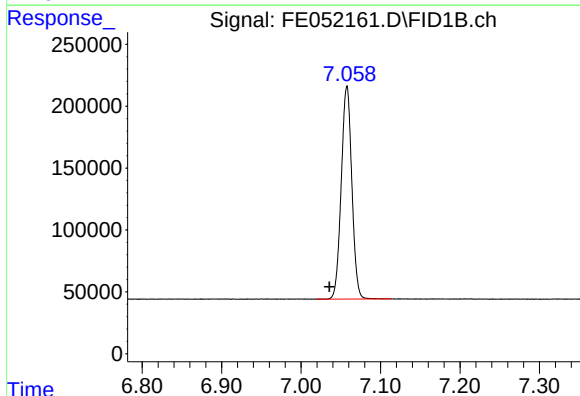
R.T.: 2.440 min
Delta R.T.: 0.028 min
Response: 1095106
Conc: 12.84 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166364BSD



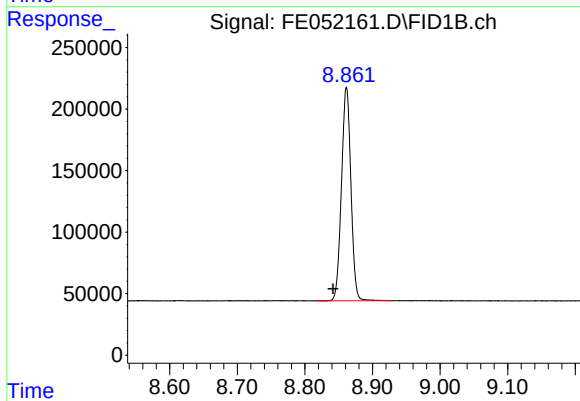
#2 N-DECANE

R.T.: 4.932 min
Delta R.T.: 0.025 min
Response: 1456693
Conc: 15.92 ug/ml



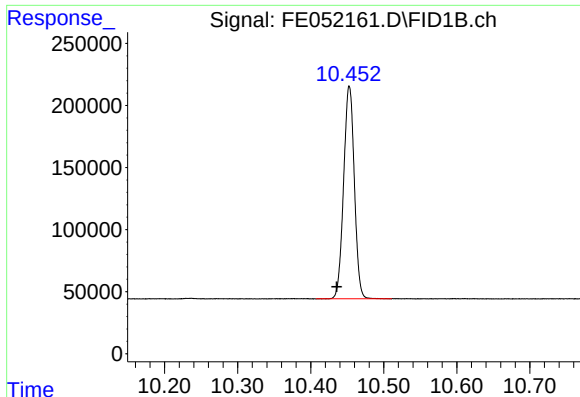
#3 N-DODECANE

R.T.: 7.058 min
Delta R.T.: 0.022 min
Response: 1594552
Conc: 15.96 ug/ml



#4 N-TETRADECANE

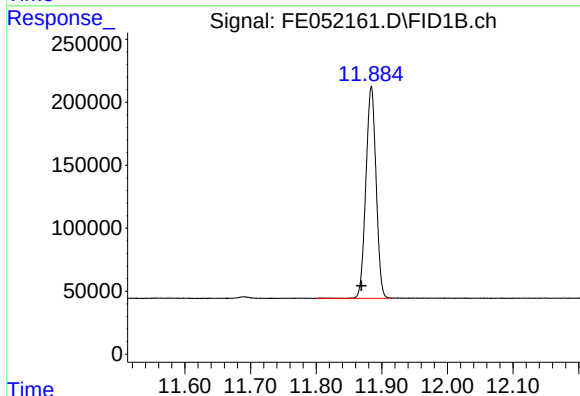
R.T.: 8.862 min
Delta R.T.: 0.020 min
Response: 1684615
Conc: 16.56 ug/ml



#5 N-HEXADECANE

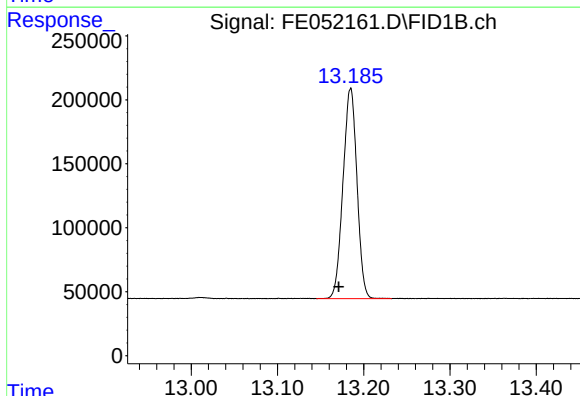
R.T.: 10.453 min
Delta R.T.: 0.017 min
Response: 1749559
Conc: 16.42 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166364BSD



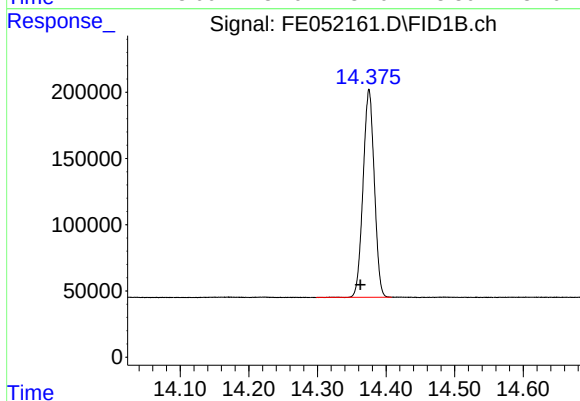
#6 N-OCTADECANE

R.T.: 11.884 min
Delta R.T.: 0.015 min
Response: 1814781
Conc: 16.19 ug/ml



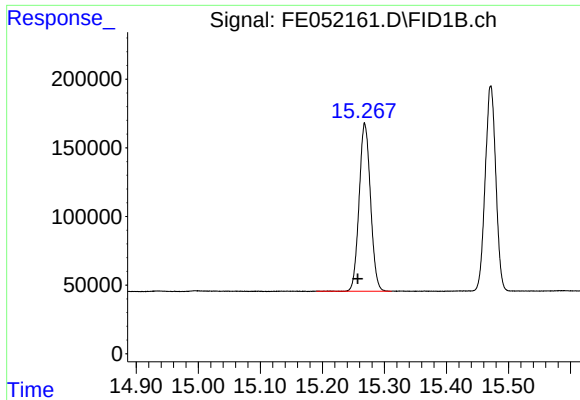
#7 N-EICOSANE

R.T.: 13.185 min
Delta R.T.: 0.014 min
Response: 1847472
Conc: 16.59 ug/ml



#8 N-DOCOSANE

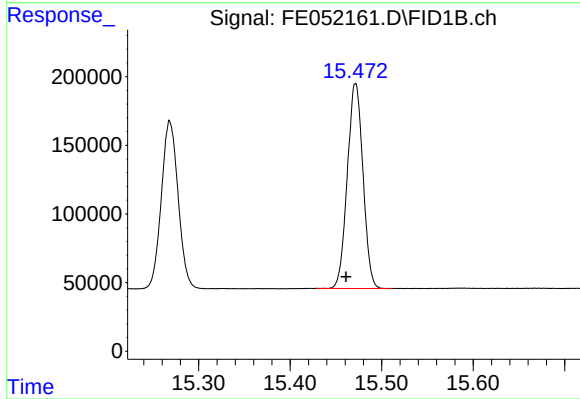
R.T.: 14.375 min
Delta R.T.: 0.013 min
Response: 1785058
Conc: 16.08 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

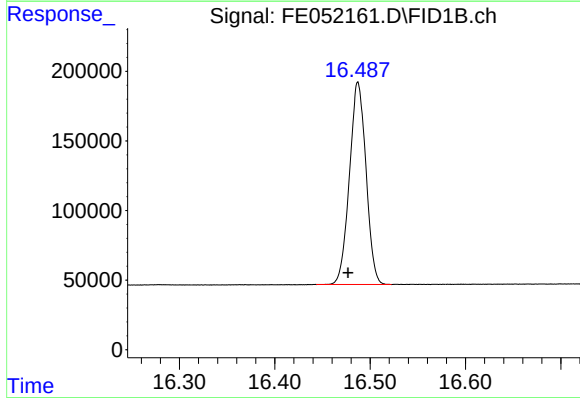
R.T.: 15.268 min
Delta R.T.: 0.011 min
Response: 1557185
Conc: 15.63 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166364BSD



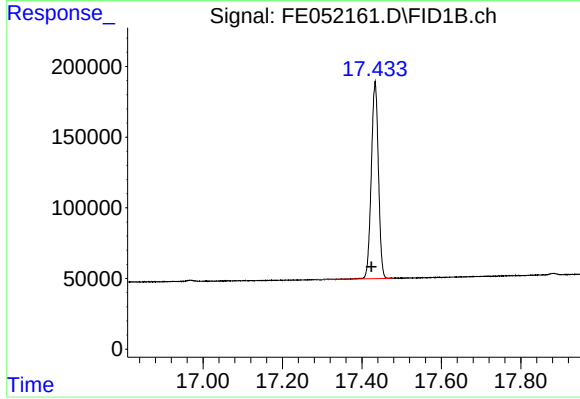
#10 N-TETRACOSANE

R.T.: 15.471 min
Delta R.T.: 0.010 min
Response: 1777753
Conc: 16.07 ug/ml



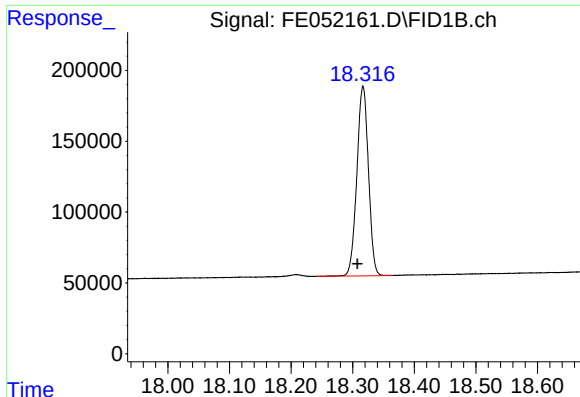
#11 N-HEXACOSANE

R.T.: 16.487 min
Delta R.T.: 0.010 min
Response: 1756304
Conc: 16.11 ug/ml



#12 N-OCTACOSANE

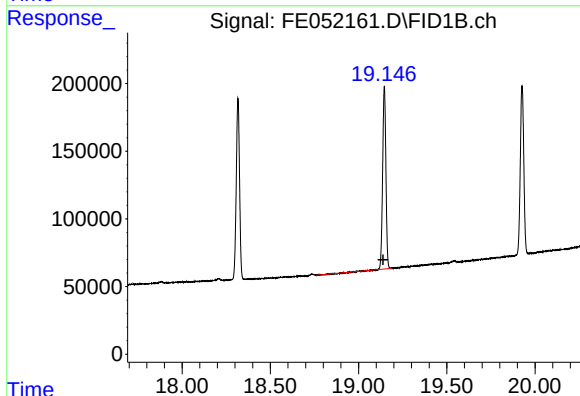
R.T.: 17.433 min
Delta R.T.: 0.010 min
Response: 1732290
Conc: 16.05 ug/ml



#13 N-TRIACONTANE

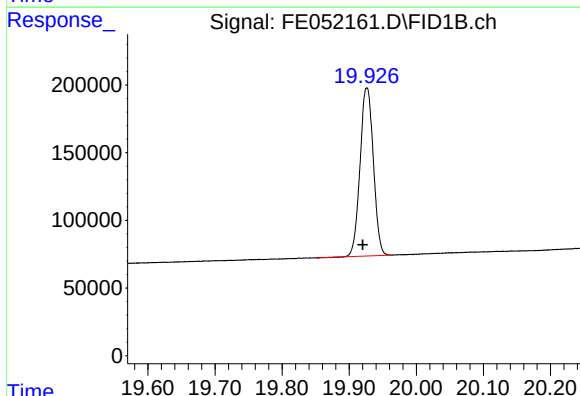
R.T.: 18.317 min
Delta R.T.: 0.009 min
Response: 1747657
Conc: 16.29 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166364BSD



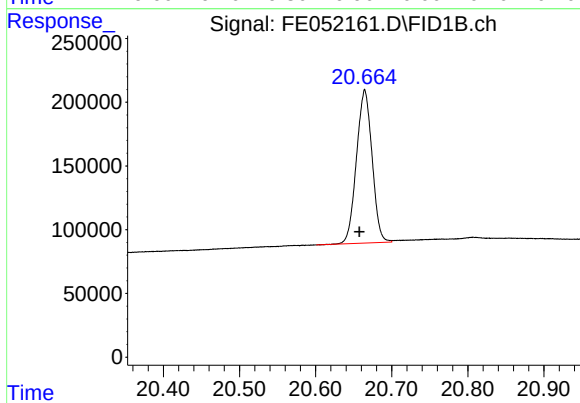
#14 N-DOTRIACONTANE

R.T.: 19.146 min
Delta R.T.: 0.007 min
Response: 1703677
Conc: 16.32 ug/ml



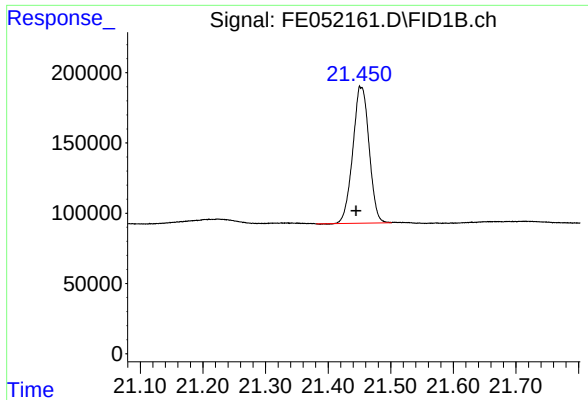
#15 N-TETRATRIACONTANE

R.T.: 19.926 min
Delta R.T.: 0.006 min
Response: 1707737
Conc: 18.19 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.665 min
Delta R.T.: 0.007 min
Response: 1712733
Conc: 21.21 ug/ml



#17 N-OCTATRIACONTANE

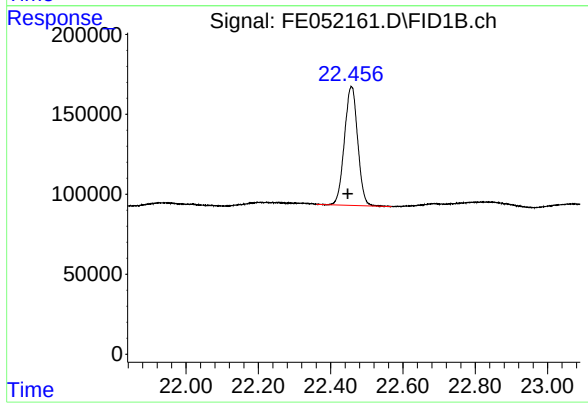
R.T.: 21.452 min
Delta R.T.: 0.007 min
Response: 1754858
Conc: 23.52 ug/ml

Instrument :

FID_E

ClientSampleId :

PB166364BSD



#18 N-TETRACONTANE

R.T.: 22.458 min
Delta R.T.: 0.010 min
Response: 1891365
Conc: 25.68 ug/ml